

To: Kate Schofield/DC/USEPA/US@EPA[]
Cc: Jason Todd/DC/USEPA/US@EPA; Phil North/R10/USEPA/US@EPA; Jim Wigington/COR/USEPA/US@EPA; "Rice, James" [James.Rice@icfi.com]; hil North/R10/USEPA/US@EPA; Jim Wigington/COR/USEPA/US@EPA; "Rice, James" [James.Rice@icfi.com]; im Wigington/COR/USEPA/US@EPA; "Rice, James" [James.Rice@icfi.com]; Rice, James" [James.Rice@icfi.com]; Bauer, David" [David.Bauer@icfi.com]; eff Friithsen/DC/USEPA/US@EPA[]
From: "Grismala, Ralph"
Sent: Mon 2/4/2013 9:06:53 PM
Subject: BBA hydraulic conductivity data
[HydraulicConductivity_DepositArea.xlsx](#)
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Kate,

I tried to consolidate the hydraulic conductivity data into some usable form. The document restrictions in the Pebble EBD made it difficult to easily get the data in a usable form so I ended up reconstructing and replotting the packer test data set. The new plot (sheet k_Figure1) in the attached file shows the following data from the Pebble deposit area:

- Bedrock packer (Lugeon) tests (from EBD Ch. 8 App. 8.1N). The error bars show the upper and lower limits of the zone tested.
- Overburden rising or falling head tests (from EBD Ch.8 App. 8.1C) (pulled together by Jim Rice)
- Bedrock rising or falling head tests (from EBD Ch.8 App. 8.1C) (pulled together by Jim Rice)

Sheet k_Figure2 shows a zoomed in subset of the same data. In both figures, the red line shows the hydraulic conductivity I used in my pit drawdown analyses. I used the same approximation to estimate leakage from the TSFs.

Ralph

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From: Schofield.Kate@epamail.epa.gov [mailto:Schofield.Kate@epamail.epa.gov]
Sent: Tuesday, January 29, 2013 3:33 PM
To: Grismala, Ralph
Cc: Todd.Jason@epamail.epa.gov; North.Phil@epamail.epa.gov
Subject: hydraulic conductivity data

Hi Ralph,

Sorry to be a nudge, but just wanted to send you a quick reminder about tracking down the hydraulic conductivity data we used in the assessment. If you send it along, I'll go ahead and develop that plot.

Just let me know if you have any questions.

Thanks! Kate

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